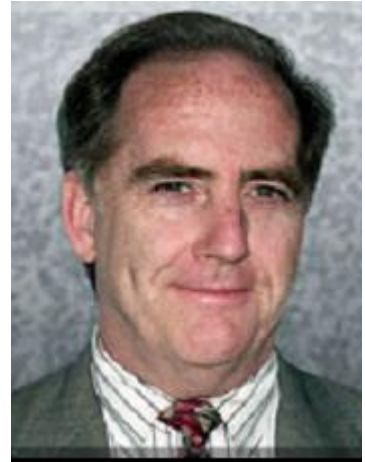


Dr. David A. Whelan
The Boeing Company



EDUCATION

University of California, Los Angeles
Ph.D., Physics, 1983
M.A., Physics, 1978
University of California, San Diego
B.A., Physics, 1977

WORK EXPERIENCE

The Boeing Company
Vice-President & General Manager, and Deputy to the President, Phantom Works, 2002 - Present
Vice-President and Chief Technology Officer, Space and Communications, 2001 - 2002
Defense Advanced Research Projects Agency
Director (SES-5), Tactical Technology Office, 1995 - 2001
GM-Hughes Electronics
Program Manager, 1988 - 1994
Lawrence Livermore National Laboratory
Research Physicist, 1985 - 1988
Northrop Corporation
Engineering Specialist, 1983 - 1985

AREAS OF EXPERTISE

Enabling technologies for military systems (including MEMS RF elements), Unmanned Systems (air, space, ground, and underwater), RF/photonic hybrids, systolic ASICs and complex system software, space-based radar, nuclear-pumped x-ray-lasers, high-speed photonic sensors, high bandwidth communications, imaging x-ray spectrometry, counter low-observable sensors, low-observable (RCS) Aircraft Design.

PROFESSIONAL/SCIENTIFIC/HONORARY AFFILIATIONS

NAS, Naval Studies Board, Defense Studies Board, American Physical Society, IEEE, AIAA.